From: Moore, Gary
To: Jeff Wright
Subject: Re: Delta Shipyards
Date: Friday, February 22, 2013 3:49:00 PM

I agree with this recommended approach and TCLP,SPLP before and after. Do we need to gather anything additional while mobilized?

Gary

From: Wright, Jeff
Sent: Friday, February 22, 2013 3:24:36 PM
To: Moore, Gary
Cc: Bordelon, David
Subject: Delta Shipyards

Gary -

Regarding your questions:

Option 1: We do have discrete samples from each of the three pits. During the assessment phase with utilized the marsh master geoprobe in an effort to collect samples from the middle of each pit. Unfortunately, the geoprobe was unable to access the middle area of the pits without getting stuck. Therefore, we collected geoprobe samples from each corner of the three pits (as far into the pit as accessible). We do not have an exact representative sample form the middle of each pit, however I do believe that the samples we have do represent the appropriate COCs. As far as Treatability samples go, I do think that the remaining samples we currently have may not be a real good representation of moisture and consistency of the material in the middle of the pits.

Option 2: We have talked to a few people with soil solidification experience including the contractor that conducted the solidification/stabilization activities at the Bayou Trepagnier site. If our goal is to obtain a good representative Treatability Study sample from each pit, they have suggested that the long-reach track hoe is the way to go. We propose to dig a small trench within the bermed area of each pit and the use the track hoe to collect a bucket (or partial bucket) of material from three or four spots within the pit and place the material in the trench. We would use the track hoe to composite the material and then collect a representative Treatability sample from each pit. In speaking with John Halk, this is the method they used at Bayou Trepagnier as well. He said that the operator will easily be able to determine the depth of the pits and we could collect material from the bottom and closer to the top.

The only other sample collection option that I think would work would be something like we did at Southern Shipbuilding. There I believe we had to get a mobile drilling unit and mount it on a party barge. We also had to clear the entire site in order to access the pits with the barge and maneuver it across each pit.

Option 3: I agree. Since we have to submit the sample to a lab for the Treatability study anyway, we may not get a whole lot of bang the buck on this option.

In summary, I agree that Option 2 is the preferred method. However, it is my opinion that we could obtain a representative Treatability sample from each pit using the method described above. I would also say that collecting the Treatability samples via the track hoe will also emulate the removal solidification/stabilization process. I also agree that we should run Treatability test for each pit and have the lab analyze the samples for TCLP and SPLP. We might think about running those analyses both before and after the Treatability tests.

Thanks,

Jeff Wright, CHMM
Weston Solutions, Inc.
an employee-owned company
13702 Coursey Blvd.,
Bldg #7, STE A
Baton Rouge, LA 70817
(225) 297-5415 Direct
(225) 278-8406 Cell
Jeff.Wright@westonsolutions.com